

What is claimed is:

1. A method comprising:  
 altering a record of information transmitted across a network from a mobile unit to a destination based on an acknowledgment by the destination of receipt of the transmitted information; and  
 transmitting information from the mobile unit to the destination based on the record after the mobile unit establishes a new interface connection to the destination.
2. The method of claim 1 in which the record includes an amount of information transmitted from the mobile unit to the destination.
3. The method of claim 1 in which the acknowledgment includes an amount of the received information.
4. The method of claim 1 further comprising transmitting information from the mobile unit to the destination after the mobile unit establishes the new interface connection starting with information immediately adjacent to information most recently transmitted to the destination.
5. The method of claim 1 further comprising transmitting information from the mobile unit to the

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9. An article comprising:  
a machine-readable medium that stores machine-executable instructions, the instructions causing a machine to:

alter a record of information transmitted across a network from a mobile unit to a destination based on an acknowledgment by the destination of receipt of the transmitted information; and

transmit information from the mobile unit to the destination based on the record after the mobile unit establishes a new interface connection to the destination.

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11. The article of claim 9 in which the acknowledgment includes an amount of the received information.

12. The article of claim 9 further causing a machine to transmit information from the mobile unit to the destination after the mobile unit establishes the new interface connection starting with information immediately adjacent to information most recently transmitted to the destination.

13. The article of claim 9 further causing a machine to transmit information from the mobile unit to the destination after the mobile unit establishes the new interface connection starting with information immediately adjacent to the received information.

14. The article of claim 9 further causing a machine to remove the received information from the record.

15. The article of claim 9 in which the new interface includes a reliable link.

16. The article of claim 9 in which the destination includes a home network associated with the mobile unit.

17. A system comprising:

a first mechanism configured to track a first amount of information transmitted by a mobile unit and received at a

destination;

a second mechanism accessible by the mobile unit and configured to track a second amount of information transmitted to the destination and to alter the second amount based on the first amount; and

a third mechanism accessible by the mobile unit and configured to, after the mobile unit establishes a new interface connection to the destination, determine what information to transmit to the destination based on the second amount.

18. The system of claim 17 in which the first mechanism is also configured to communicate the second amount to the second mechanism.

19. The system of claim 17 in which the first mechanism is accessible by destination.

20. The system of claim 17 in which the third mechanism is also configured to transmit information from the mobile unit to the destination after the mobile unit establishes the new interface connection starting with information immediately adjacent to information most recently transmitted to the destination as indicated by the second amount.

21. The system of claim 17 in which the third mechanism is also configured to transmit information from the mobile unit to the destination after the mobile unit establishes the new interface connection starting with information immediately adjacent to the first amount of information.

22. The system of claim 17 in which the destination includes a home network associated with the mobile unit.

23. A method comprising:

- maintaining a count of information transmitted from a mobile unit to a home network;
- receiving at the mobile unit an acknowledgment of received information from the home network;
- altering the count of information based on the acknowledgment;
- establishing a new communication link between the mobile unit and the home network; and
- determining what information to transmit from the mobile unit to the home network using the new communication link based on the count of information.

24. The method of claim 23 further comprising transmitting information from the mobile unit to the home network after the mobile unit establishes the new communication link starting with information immediately

adjacent to information included at an end of the count of information.

25. The method of claim 23 further comprising transmitting information from the mobile unit to the home network after the mobile unit establishes the new communication link starting with information immediately adjacent to the received information.

26. The method of claim 23 in which the new communication link includes a reliable link.

27. The method of claim 23 in which the acknowledgment includes a count of the received information.

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